

RAW SEQUENCE LISTING

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Application Serial Number: 09/731,261A
Source: 1Rw/6
Date Processed by STIC: 9/1/06

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PATENT APPLICATION: US/09/731,261A

DATE: 09/01/2006

TIME: 10:29:14

Input Set : A:\REVISED SEQ LISTING Viacell 3284-1230.ST25.txt
 Output Set: N:\CRF4\09012006\I731261A.raw

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3 <110> APPLICANT: Habener, Joel
4      Zulewski, Hendrik
5      Abraham, Elizabeth
6      Vallejo, Mario
8 <120> TITLE OF INVENTION: STEM CELLS OF THE ISLETS OF LANGERHANS AND THEIR USE
10 <130> FILE REFERENCE: 17633/1230
12 <140> CURRENT APPLICATION NUMBER: US 09/731,261A
13 <141> CURRENT FILING DATE: 2000-12-06
15 <150> PRIOR APPLICATION NUMBER: US 60/169,082
16 <151> PRIOR FILING DATE: 1999-12-06
18 <150> PRIOR APPLICATION NUMBER: US 60/215,109
19 <151> PRIOR FILING DATE: 2000-06-28
21 <150> PRIOR APPLICATION NUMBER: US 60/239,880
22 <151> PRIOR FILING DATE: 2000-10-06
24 <160> NUMBER OF SEQ ID NOS: 55
26 <170> SOFTWARE: PatentIn version 3.1
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220	Ala	Leu	Val	Asp	Gln	Arg	Trp	Arg	Glu	Lys	His	Ala	Ala	Glu	Val	Ala
221	65				70				75				80			
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233					115				120				125			
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237					130				135				140			
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248	Leu	Ala	Arg	Arg	Leu	Gly	Glu	Ala	Trp	Arg	Gly	Ala	Val	Arg	Gly	Tyr
249						180				185			190			
252	Gln	Glu	Arg	Val	Ala	His	Met	Glu	Thr	Ser	Leu	Asp	Gln	Thr	Arg	Glu
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 280 Leu Glu Ala Glu Asn Ser Arg Leu Gln Thr Pro Gly Gly Ser Lys
 281 305 310 315 320
 284 Thr Ser Leu Ser Phe Gln Asp Pro Lys Leu Glu Leu Gln Phe Pro Arg
 285 325 330 335
 288 Thr Pro Glu Gly Arg Arg Leu Gly Ser Leu Leu Pro Val Leu Ser Pro
 289 340 345 350
 292 Thr Ser Leu Pro Ser Pro Leu Pro Ala Thr Leu Glu Thr Pro Val Pro
 293 355 360 365
 296 Ala Phe Leu Lys Asn Gln Glu Phe Leu Gln Ala Arg Thr Pro Thr Leu
 297 370 375 380
 300 Ala Ser Thr Pro Ile Pro Pro Thr Pro Gln Ala Pro Ser Pro Ala Val
 301 385 390 395 400
 304 Asp Ala Glu Ile Arg Ala Gln Asp Ala Pro Leu Ser Leu Leu Gln Thr
 305 405 410 415
 308 Gln Gly Gly Arg Lys Gln Ala Pro Glu Pro Leu Arg Ala Glu Ala Arg
 309 420 425 430
 312 Val Ala Ile Pro Ala Ser Val Leu Pro Gly Pro Glu Glu Pro Gly Gly
 313 435 440 445
 316 Gln Arg Gln Glu Ala Ser Thr Gly Gln Ser Pro Glu Asp His Ala Ser
 317 450 455 460
 320 Leu Ala Pro Pro Leu Ser Pro Asp His Ser Ser Leu Glu Ala Lys Asp
 321 465 470 475 480
 324 Gly Glu Ser Gly Gly Ser Arg Val Phe Ser Ile Cys Arg Gly Glu Gly
 325 485 490 495
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 329 500 505 510
 332 Lys Val Val Ser Ser Leu Gln Gln Glu Ile Trp Glu Glu Glu Asp Leu
 333 515 520 525
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 349 580 585 590
 352 Lys Arg Ala Ile Lys Gly Cys Gly Ser Glu Thr Ser Arg Lys Arg
 353 595 600 605
 356 Gly Cys Arg Gln Leu Lys Pro Thr Gly Lys Glu Asp Thr Gln Thr Leu
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 361 625 630 635 640
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 368 Ser Ser Leu Gln Glu Asn Leu Glu Ser Leu Thr Ala Leu Glu Lys Glu

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385	725	730	735
388	Thr Glu Asn His Lys Ser Leu Arg Ser	Leu Glu Gln Asp Gln	Glu
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404	Glu Asn Gln Glu Phe Leu Lys Ser Leu	Lys Glu Ser Val Glu	Ala
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408	Val Lys Ser Leu Glu Thr Glu Ile	Leu Glu Ser Leu Lys Ser	Ala Gly
409	820	825	830
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416	Trp Thr Pro Glu Glu Ile Asn Lys Ser	Gly Gly Asn Glu Ser	Ser Arg
417	850	855	860
420	Lys Gly Asn Ser Arg Thr Thr Gly Val	Cys Gly Ser Glu Pro	Arg Asp
421	865	870	875
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425	885	890	895
428	Ser Met Glu Pro Gly Glu Phe Glu Ile	Ser Arg Gly Val Asp	Lys Glu
429	900	905	910
432	Ser Gln Arg Asn Leu Glu Glu Glu Asn	Leu Gly Lys Gly Glu	Tyr
433	915	920	925
436	Gln Glu Ser Leu Arg Ser Leu Glu Glu	Gly Gln Glu Leu Pro	Gln
437	930	935	940
440	Ser Ala Asp Val Gln Arg Trp Glu Asp	Thr Val Glu Lys Asp	Gln Glu
441	945	950	955
444	Leu Ala Gln Glu Ser Pro Pro Gly Met	Ala Gly Val Glu Asn	Lys Asp
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